AT-11-BXPC-I3

SHAKTI Series –Rugged Box PC

Defense

Railway

Ground vehicle System

Features

- 8th Gen Intel® Core™ i3 processor (Tiger Lake-UP3 SoC) delivers high-efficiency performance, up to 15W TDP.

- Wide operating temperature range: -20°C to 55°C.

- 8GB DDR4 RAM with 256GB SSD for fast and reliable storage.

- Rugged mechanical design: 300(W) × 200(D) × 100(H) mm, approx. 5 kg with VESA mounting support.

- 9-36VDC MIL-grade power input (MIL-STD-1275E).

- Supports Windows and Linux operating systems.

2.5 G | TPM | 9-36 VDC | SS⇆10 | FC | CE | RoHS

Specifications

System

Processor	8th Gen Intel® Core™ i3processor (Tiger Lake-UP3 SoC) up to 15W TDP
Memory	8 GB DDR4 RAM
Storage	256 GB M.2 SSD
OS Support	Windows / LINUX

Graphics

Graphics Engine	Intel® Iris® Xe Graphics

I/O Interface

External I/O	- 3 x SERIAL (ISOLATED) - 1 x HDMI - 2 x USB port - 1 x STD USB port - 1x LAN - 2x VIDEO BNC PORT

Front Panel IO

Power Switch	Illuminated Power Switch

Power

Power Input	9-36VDC Through MIL Connector Meets MIL-STD-1275E

Mechanical

Dimensions	300(W) X 200(D) X 100(H) Approx.
Weight	5 Kgs Approx.
Mounting	Table Top Mount
External Finish	PU PAINTING Black Matt

Environment

Operating Temp.	-20° C to 55° C
Storage Temp.	-30° C to 65° C
Humidity	5% to 95% Humidity, non-condensing @40° C
RoHS Compliance	RoHS Complied
Ingress Protection	IP-65 rated

Standards and Certifications

Vibration	Complied As per JSS55555
Altitude	5000m - Complied As per JSS55555
Shock	50G,11msec - Complied As per JSS55555 With Shock Mounts
EMI/EMC	MIL STD 461 E/F Complied As per JSS55555

Packing List

AT-11-BXPC – I3	x1
Power cable	x1
Mounting Screws	x4
User Manual	x1

Order Information

Part No.	Description
AT-11-BXPC-I3	Rugged BOX PC w/Intel i3-11th Gen

Dimensions & Drawing

Unit: mm

TOP VIEW

FRONT VIEW

LH SIDE VIEW

RH SIDE VIEW

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